

2011-2014 Data on Bicyclist Injuries (no deaths)

	n	Length of Stay	LOS STDEV
Homeless Bicyclists	34	5.14	8.81
Visitor Bicyclists	30	3.96	2.94
"Regular" Bicyclists	324	3.34	4.26
TOTAL	388	3.55	4.35

	n	ISS	ISS STDEV
Homeless Bicyclists	34	12	9
Visitor Bicyclists	30	11	8
"Regular" Bicyclists	324	10.19	8.6
TOTAL	388	10	8.5

	n	% Admissions at Night
Homeless Bicyclists	34	59%
Visitor Bicyclists	30	40%
"Regular" Bicyclists	324	31%
TOTAL	388	34%

	Bike vs MVC	n of Bike vs MVC	Bike Only (No motor vehicle)	n of Bike Crash with No MV
Homeless Bicyclists	9%	15	8%	19
Visitor Bicyclists	6%	9	9%	21
"Regular" Bicyclists	85%	135	83%	189
TOTAL	100%	158	100%	229

Ideas:

ISS = injury status score (high = more severe)

FOR HOMELESS (high ISS, high LOS, high cost to taxpayers and hospital, and double rate of nighttime admissions)

Hawaii already has a law stating that bicyclists MUST use lamps from dusk till dawn

Law is not enforced

Ask to partner with HPD and/or homeless outreach

Provide bike lights, reflective gear and helmets to homeless

Have HPD provide negative incentive to "forget" lights and protective gear

FOR VISITORS (40% admissions at night)

Many visitors rent bikes

Have bike shops provide bike lights, reflective vests, and helmets as standard gear

Have bike shops educate renters on safety

COST TO QMC INJURY PREVENTION

Lights = ??? Need to price out bulk bike lights for distribution to homeless

Vests = \$5 including shipping and tax

Helmets = \$10 including shipping and tax